#### What is claimed is:

### 1. A compound selected from the group represented by Formula I:

$$R_5$$
 $R_1$ 
 $R_2$ 
 $R_2$ 
 $R_3$ 
 $R_3$ 

Formula I

wherein:

T and T' are independently a covalent bond or optionally substituted lower alkylene; R<sub>1</sub> is chosen from hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaryl, and optionally substituted heteroaralkyl;

 $R_2$  and  $R_{2^{\circ}}$  are independently chosen from hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaryl, and optionally substituted heteroaralkyl; or  $R_2$  and  $R_{2^{\circ}}$  taken together form an optionally substituted 3- to 7-membered ring;

 $R_3$  is chosen from hydrogen, optionally substituted alkyl-, optionally substituted aryl-, optionally substituted aralkyl-, optionally substituted heteroaryl-, optionally substituted heteroaryl-, optionally substituted heteroaralkyl-, -C(O)- $R_6$ , and -S(O)<sub>2</sub>- $R_{6a}$ ;

R<sub>4</sub> is independently chosen from hydrogen, optionally substituted alkyl, optionally substituted alkoxy, hydroxyl, nitro, cyano, dialkylamino, alkylsulfonyl, alkylsulfonamido, alkylthio, carboxyalkyl, carboxamido, aminocarbonyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaralkyl and optionally substituted heteroaryl; and

 $R_5$  is hydrogen, optionally substituted alkyl, optionally substituted aralkyl, optionally substituted heteroaryl, or optionally substituted heteroaralkyl; or

 $R_4$  taken together with  $R_5$  form an optionally substituted 5 to 7-membered ring nitrogen-containing heterocycle, which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring;

 $R_6$  is chosen from hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaryl, optionally substituted heteroaryl,  $R_{11}$ O- and  $R_{12}$ -NH-;

 $R_{6a}$  is chosen from optionally substituted alkyl, optionally substituted aryl, optionally substituted alkylaryl, optionally substituted heteroaryl, optionally substituted alkylheteroaryl, and  $R_{12}$ -NH-;

R<sub>7</sub> is chosen from hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted heteroaryl, and optionally substituted heteroaralkyl;

or R<sub>7</sub> taken together with R<sub>3</sub>, and the nitrogen to which they are bound, form an optionally substituted 5- to 12-membered nitrogen-containing heterocycle, which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring;

or  $R_7$  taken together with  $R_2$  form an optionally substituted 5- to 12-membered nitrogen-containing heterocycle, which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring;

R<sub>11</sub> is chosen from optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaryl, and optionally substituted heteroaralkyl; and

 $R_{12}$  is chosen from hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted aralkyl, optionally substituted heteroaryl, and optionally substituted heteroaralkyl;

- a pharmaceutically acceptable salt of a compound of Formula I;
- a pharmaceutically acceptable solvate of a compound of Formula I; or
- a pharmaceutically acceptable solvate of a pharmaceutically acceptable salt of a compound of Formula I.
- A compound of claim 1 comprising one or more of the following:
   one of T and T' is absent and the other is optionally substituted alkylene;
   R<sub>1</sub> is selected from optionally substituted lower alkyl, optionally substituted aryl, or

optionally substituted aralkyl;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

R<sub>2</sub> is hydrogen or optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_3$  is  $-C(O)R_6$ ;

 $R_6$  is selected from optionally substituted  $C_1$ - $C_8$  alkyl, optionally substituted aryl- $C_1$ - $C_4$ -alkyl-, optionally substituted heteroaryl- $C_1$ - $C_4$ -alkyl-, optionally substituted heteroaryl, optionally substituted aryl,  $R_{11}$ O- and  $R_{12}$ -NH-;

R<sub>11</sub> is chosen from optionally substituted C<sub>1</sub>-C<sub>8</sub> alkyl and optionally substituted aryl;

 $R_{12}$  is chosen from hydrogen, optionally substituted  $C_1$ - $C_8$  alkyl and optionally substituted aryl;

 $R_7$  is chosen from hydrogen,  $C_1$ - $C_4$  alkyl; cyclohexyl; phenyl substituted with hydroxyl,  $C_1$ - $C_4$  alkoxy or  $C_1$ - $C_4$  alkyl; benzyl; and  $R_{16}$ -alkylene-;

R<sub>16</sub> is hydroxyl, carboxy, (C<sub>1</sub>-C<sub>4</sub> alkoxy)carbonyl-, di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino-, (C<sub>1</sub>-C<sub>4</sub> alkyl)amino-, amino, (C<sub>1</sub>-C<sub>4</sub> alkoxy)carbonylamino-, C<sub>1</sub>-C<sub>4</sub> alkoxy-, or optionally substituted N-heterocyclyl- (particularly azetidinyl, morpholinyl, pyridinyl, indolyl, furanyl, pyrrolidinyl, piperidinyl or imidazolyl, each of which may be otionally substituted;

R<sub>4</sub> is chosen from hydrogen, hydroxyl, lower alkyl (particularly methyl), lower alkoxy (particularly methoxy) and cyano; and

 $R_{5}$  is chosen from hydrogen, lower alkyl (particularly methyl), and aralkyl (particularly benzyl).

3. A compound of claim 2 comprising one or more of the following:

T and T' are absent;

R<sub>1</sub> is chosen from ethyl, propyl, methoxyethyl, naphthyl, phenyl, bromophenyl, chlorophenyl, methoxyphenyl, ethoxyphenyl, tolyl, dimethylphenyl, chorofluorophenyl, methylchlorophenyl, ethylphenyl, phenethyl, benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, hydroxybenzyl, dichlorobenzyl, dimethoxybenzyl, naphthylmethyl, and (ethoxycarbonyl)ethyl;

R<sub>2</sub>, is hydrogen;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_6$  is chosen from phenyl; phenyl substituted with one or more of the following substituents: halo;  $C_1$ - $C_4$  alkyl;  $C_1$ - $C_4$  alkyl substituted with hydroxy (e.g., hydroxymethyl);  $C_1$ - $C_4$  alkoxy;  $C_1$ - $C_4$  alkyl substituted with  $C_1$ - $C_4$  alkoxy, halo, nitro, formyl, carboxy,

cyano, methylenedioxy, ethylenedioxy, acyl (e.g., acetyl), -N-acyl (e.g., N-acetyl) or trifluoromethyl; benzyl; phenoxymethyl-; halophenoxymethyl-; phenylvinyl-; heteroaryl-; heteroaryl- substituted with  $C_1$ - $C_4$  alkyl or  $C_1$ - $C_4$  alkyl substituted with halo (e.g.,  $CF_3$ );  $C_1$ - $C_4$  alkyl substituted with  $C_1$ - $C_4$  alkoxy-; and benzyloxymethyl-;

R<sub>7</sub> is chosen from hydrogen, methyl, ethyl, propyl, butyl, cyclohexyl, carboxyethyl, carboxymethyl, methoxyethyl, hydroxyethyl, hydroxypropyl, dimethylaminoethyl, dimethylaminopropyl, diethylaminoethyl, diethylaminopropyl, aminopropyl, aminopropyl, methylaminopropyl, 2,2-dimethyl-3-(dimethylamino)propyl, aminoethyl, aminobutyl, aminopentyl, aminohexyl, isopropylaminopropyl, diisopropylaminoethyl, 1-methyl-4-(diethylamino)butyl, (t-Boc)aminopropyl, hydroxyphenyl, benzyl, methoxyphenyl, methylmethoxyphenyl, dimethylphenyl, tolyl, ethylphenyl, (oxopyrrolidinyl)propyl, (methoxycarbonyl)ethyl, benzylpiperidinyl, pyridinylethyl, pyridinylmethyl, morpholinylethyl morpholinylpropyl, piperidinyl, azetidinylmethyl, azetidinylethyl, azetidinylpropyl pyrrolidinylpropyl, piperidinylmethyl, piperidinylethyl, imidazolylpropyl, imidazolylethyl, (ethylpyrrolidinyl)methyl, (methylpyrrolidinyl)ethyl, (methylpiperidinyl)propyl, furanylmethyl and indolylethyl; and

 $R_4$  is hydrogen, optionally substituted alkyl, optionally substituted aryl, alkoxy, cyano, substituted amino, carbamyl, aryloxy, heteroaryloxy, heteroaryl, optionally substituted N-heterocyclyl, or trifluoromethyl.

# 4. A compound of claim 3 comprising one or more of the following:

 $R_{\rm l}$  is chosen from ethyl, propyl, methoxyethyl, naphthyl, phenethyl, benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, hydroxybenzyl, dichlorobenzyl, dimethoxybenzyl, naphthylmethyl, and (ethoxycarbonyl)ethyl;

 $R_2$  is chosen from methyl, ethyl, propyl, butyl, methylthioethyl, methylthiomethyl, aminobutyl, (CBZ)aminobutyl, cyclohexylmethyl, benzyloxymethyl, methylsulfinylmethyl, and hydroxymethyl;

R<sub>6</sub> is chosen from phenyl, halophenyl, dihalophenyl, cyanophenyl, halo(trifluoromethyl)phenyl, hydroxymethyl-phenyl, methoxymethylphenyl, methoxyphenyl, ethoxyphenyl, carboxyphenyl, formylphenyl, ethylphenyl, tolyl, methylenedioxyphenyl, ethylenedioxyphenyl, methoxychlorophenyl, methylhalophenyl, trifluoromethylphenyl, furanyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted trifluoromethylfuranyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted trifluoromethylfuranyl, benzofuranyl, thiophenyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted thiophenyl,

benzothiophenyl, benzothiadiazolyl, pyridinyl, indolyl, methylpyridinyl, trifluoromethylpyridinyl, pyrrolyl, quinolinyl, picolinyl, pyrazolyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted pyrazolyl, N-methyl pyrazolyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted N-methyl pyrazolyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted pyrazinyl, C<sub>1</sub>-C<sub>4</sub> alkyl substituted isoxazolyl, benzoisoxazolyl, morpholinomethyl, methylthiomethyl, methoxymethyl, N-methyl imidazolyl, and imidazolyl;

R<sub>7</sub> is R<sub>16</sub>-alkylene-; and

 $R_{16}$  is amino,  $C_1$ - $C_4$  alkylamino-,  $di(C_1$ - $C_4$  alkyl)amino-,  $C_1$ - $C_4$  alkoxy-, hydroxyl, or N-heterocyclyl.

5. A compound of claim 4 comprising one or more of the following:

 $R_{\rm l}$  is benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, or hydroxybenzyl;

R<sub>2</sub> is ethyl or propyl;

 $R_6$  is optionally substituted phenyl (especially, tolyl, halophenyl, methylhalophenyl, hydroxymethyl-phenyl, halo(trifluoromethyl)phenyl-, methylenedioxyphenyl, formylphenyl or cyanophenyl); and

R<sub>16</sub> is amino.

6. A compound of claim 1 comprising one or more of the following:

one of T and T' is absent and the other is optionally substituted alkylene;

 $R_{\rm l}$  is selected from optionally substituted lower alkyl, optionally substituted aryl, or optionally substituted aralkyl;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_{2}$  is hydrogen or optionally substituted  $C_1$ - $C_4$  alkyl;

 $R_3$  is  $-C(O)R_6$ ;

 $R_6$  is selected from optionally substituted  $C_1$ - $C_8$  alkyl, optionally substituted aryl- $C_1$ - $C_4$ -alkyl-, optionally substituted heteroaryl- $C_1$ - $C_4$ -alkyl-, optionally substituted heteroaryl, optionally substituted aryl,  $R_{11}$ O- and  $R_{12}$ -NH-;

R<sub>11</sub> is chosen from optionally substituted C<sub>1</sub>-C<sub>8</sub> alkyl and optionally substituted aryl;

 $R_{12}$  is chosen from hydrogen, optionally substituted  $C_1$ - $C_8$  alkyl and optionally substituted aryl;

 $R_7$  is chosen from hydrogen,  $C_1$ - $C_4$  alkyl; cyclohexyl; phenyl substituted with hydroxyl,  $C_1$ - $C_4$  alkoxy or  $C_1$ - $C_4$  alkyl; benzyl; and  $R_{16}$ -alkylene-;

R<sub>16</sub> is hydroxyl, carboxy, (C<sub>1</sub>-C<sub>4</sub> alkoxy)carbonyl-, di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino-, (C<sub>1</sub>-C<sub>4</sub> alkyl)amino-, amino, (C<sub>1</sub>-C<sub>4</sub> alkoxy)carbonylamino-, C<sub>1</sub>-C<sub>4</sub> alkoxy-, or optionally substituted N-heterocyclyl- (particularly azetidinyl, morpholinyl, pyridinyl, indolyl, furanyl, pyrrolidinyl, piperidinyl or imidazolyl, each of which may be otionally substituted; and

 $R_4$  and  $R_5$  taken together form an optionally substituted 5 to 7-membered nitrogen-containing heterocycle which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring.

7. A compound of claim 6 comprising one or more of the following:

T and T' are absent;

R<sub>1</sub> is chosen from ethyl, propyl, methoxyethyl, naphthyl, phenyl, bromophenyl, chlorophenyl, methoxyphenyl, ethoxyphenyl, tolyl, dimethylphenyl, chorofluorophenyl, methylchlorophenyl, ethylphenyl, phenethyl, benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, hydroxybenzyl, dichlorobenzyl, dimethoxybenzyl, naphthylmethyl, and (ethoxycarbonyl)ethyl;

R<sub>2'</sub> is hydrogen;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_6$  is chosen from phenyl; phenyl substituted with one or more of the following substituents: halo;  $C_1$ - $C_4$  alkyl;  $C_1$ - $C_4$  alkyl substituted with hydroxy (e.g., hydroxymethyl);  $C_1$ - $C_4$  alkoxy;  $C_1$ - $C_4$  alkyl substituted with  $C_1$ - $C_4$  alkoxy, halo, nitro, formyl, carboxy, cyano, methylenedioxy, ethylenedioxy, acyl (e.g., acetyl), -N-acyl (e.g., N-acetyl) or trifluoromethyl; benzyl; phenoxymethyl-; halophenoxymethyl-; phenylvinyl-; heteroaryl-; heteroaryl- substituted with  $C_1$ - $C_4$  alkyl or  $C_1$ - $C_4$  alkyl substituted with halo (e.g.,  $CF_3$ );  $C_1$ - $C_4$  alkyl substituted with  $C_1$ - $C_4$  alkoxy-; and benzyloxymethyl-;

R<sub>7</sub> is chosen from hydrogen, methyl, ethyl, propyl, butyl, cyclohexyl, carboxyethyl, carboxymethyl, methoxyethyl, hydroxyethyl, hydroxypropyl, dimethylaminoethyl, dimethylaminopropyl, diethylaminoethyl, diethylaminopropyl, aminopropyl, methylaminopropyl, 2,2-dimethyl-3-(dimethylamino)propyl, aminoethyl, aminobutyl, aminopentyl, aminohexyl, isopropylaminopropyl, diisopropylaminoethyl, 1-methyl-4-(diethylamino)butyl, (t-Boc)aminopropyl, hydroxyphenyl, benzyl, methoxyphenyl, methylmethoxyphenyl, dimethylphenyl, tolyl, ethylphenyl, (oxopyrrolidinyl)propyl, (methoxycarbonyl)ethyl, benzylpiperidinyl, pyridinylethyl, pyridinylmethyl, morpholinylethyl morpholinylpropyl, piperidinyl, azetidinylmethyl, azetidinylpropyl

pyrrolidinylethyl, pyrrolidinylpropyl, piperidinylmethyl, piperidinylethyl, imidazolylpropyl, imidazolylethyl, (ethylpyrrolidinyl)methyl, (methylpyrrolidinyl)ethyl, (methylpiperidinyl)propyl, (methylpiperazinyl)propyl, furanylmethyl and indolylethyl; and

 $R_4$  and  $R_5$  taken together form an optionally substituted pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, piperazinyl, hexahydropyrimidinyl, piperazinyl, morpholinyl, pyrrolyl, pyrazolyl, imidazolyl, dihydroisoxazolyl, or dihydrooxazolyl ring.

A compound of claim 1 comprising one or more of the following:
 one of T and T' is absent and the other is optionally substituted alkylene;
 R<sub>1</sub> is selected from optionally substituted lower alkyl, optionally substituted aryl, or

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

optionally substituted aralkyl:

R<sub>2</sub>· is hydrogen or optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

R<sub>3</sub> taken together with R<sub>7</sub> and the nitrogen to which they are bound, forms an optionally substituted imidazolyl; and

 $R_4$  is chosen from hydrogen, hydroxyl, lower alkyl, lower alkoxy and cyano; and  $R_5$  is chosen from hydrogen, lower alkyl, and aralkyl; or  $R_4$  and  $R_5$  taken together form an optionally substituted 5 to 7-membered nitrogen-containing heterocycle which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring.

A compound of claim 1 comprising one or more of the following:
 one of T and T' is absent and the other is optionally substituted alkylene;

R<sub>1</sub> is selected from optionally substituted lower alkyl, optionally substituted aryl, or optionally substituted aralkyl;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

R<sub>2</sub>· is hydrogen or optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_3$  taken together with  $R_7$  and the nitrogen to which they are bound, forms an optionally substituted imidazolinyl; and

 $R_4$  is chosen from hydrogen, hydroxyl, lower alkyl, lower alkoxy and cyano; and  $R_5$  is chosen from hydrogen, lower alkyl, and aralkyl; or  $R_4$  and  $R_5$  taken together form an optionally substituted 5 to 7-membered nitrogen-containing heterocycle which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring.

10. A compound of claim 1 comprising one or more of the following:

one of T and T' is absent and the other is optionally substituted alkylene;

R<sub>1</sub> is selected from optionally substituted lower alkyl, optionally substituted aryl, or optionally substituted aralkyl;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

R<sub>2'</sub> is hydrogen or optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_3$  taken together with  $R_7$  and the nitrogen to which they are bound, forms an optionally substituted diazepinone; and

 $R_4$  is chosen from hydrogen, hydroxyl, lower alkyl, lower alkoxy and cyano; and  $R_5$  is chosen from hydrogen, lower alkyl, and aralkyl; or  $R_4$  and  $R_5$  taken together form an optionally substituted 5 to 7-membered nitrogen-containing heterocycle which optionally incorporates from one to two additional heteroatoms, selected from N, O, and S in the heterocycle ring.

### 11. A compound of claim 1 wherein:

 $R_{\rm l}$  is benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, or hydroxybenzyl;

R<sub>2</sub> is hydrogen;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_3$  is  $-C(O)R_6$ ;

 $R_6$  is optionally substituted phenyl;

R<sub>7</sub> is R<sub>16</sub>-alkylene-;

 $R_{16}$  is amino,  $C_1$ - $C_4$  alkylamino-,  $di(C_1$ - $C_4$  alkyl)amino-,  $C_1$ - $C_4$  alkoxy-, hydroxyl, or N-heterocyclyl;

R<sub>4</sub> is chosen from hydrogen, hydroxyl, lower alkyl (particularly methyl), lower alkoxy (particularly methoxy) and cyano; and

 $R_5$  is chosen from hydrogen, lower alkyl (particularly methyl), and aralkyl (particularly benzyl).

## 12. A compound of claim 1 wherein:

 $R_{\rm l}$  is benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, or hydroxybenzyl;

R<sub>2'</sub> is hydrogen;

 $R_2$  is optionally substituted  $C_1$ - $C_4$  alkyl;

 $R_3$  is  $-C(O)R_6$ ;

 $R_6$  is  $R_{12}NH$ -;

 $R_{12}$  is chosen from hydrogen,  $C_1$ - $C_4$  alkyl; cyclohexyl; and optionally substituted phenyl;

R7 is R16-alkylene-,

 $R_{16}$  is amino,  $C_1$ - $C_4$  alkylamino-, di( $C_1$ - $C_4$  alkyl)amino-,  $C_1$ - $C_4$  alkoxy-, hydroxyl, or N-heterocyclyl;

R<sub>4</sub> is chosen from hydrogen, hydroxyl, lower alkyl (particularly methyl), lower alkoxy (particularly methoxy) and cyano; and

 $R_5$  is chosen from hydrogen, lower alkyl (particularly methyl), and aralkyl (particularly benzyl).

### 13. A compound of claim 1 wherein:

 $R_1$  is benzyl, chlorobenzyl, methylbenzyl, methoxybenzyl, cyanobenzyl, or hydroxybenzyl;

R<sub>2</sub>, is hydrogen;

R<sub>2</sub> is optionally substituted C<sub>1</sub>-C<sub>4</sub> alkyl;

 $R_3$  is  $-C(O)R_6$ ;

R<sub>6</sub> is R<sub>11</sub>O-;

 $R_{11}$  is chosen from optionally substituted  $C_1\text{-}C_8$  alkyl and optionally substituted aryl;

R<sub>7</sub> is R<sub>16</sub>-alkylene-;

 $R_{16}$  is amino,  $C_1$ - $C_4$  alkylamino-, di( $C_1$ - $C_4$  alkyl)amino-,  $C_1$ - $C_4$  alkoxy-, hydroxyl, or N-heterocyclyl;

R<sub>4</sub> is chosen from hydrogen, hydroxyl, lower alkyl (particularly methyl), lower alkoxy (particularly methoxy) and cyano; and

 $R_5$  is chosen from hydrogen, lower alkyl (particularly methyl), and aralkyl (particularly benzyl).

#### 14. A compound of claim 1 that is

N-(3-Amino-propyl)-N-[1-(5-benzyl-2-methyl-6-oxo-1,6-dihydro-pyrimidin-4-yl)-2-methyl-propyl]-4-methyl-benzamide;

N-(3-Amino-propyl)-N-[1-(5-benzyl-1,2-dimethyl-6-oxo-1,6-dihydro-pyrimidin-4-yl)-2-methyl-propyl]-4-methyl-benzamide:

N-(3-Amino-propyl)-N-[1-(3-benzyl-4-oxo-4H-pyrido[1,2-a]pyrimidin-2-yl)-2-methyl-propyl]-4-methyl-benzamide; or N-(3-Amino-propyl)-N-[1-(3-benzyl-8-chloro-4-oxo-4H-pyrido[1,2-a]pyrimidin-2-yl)-2-methyl-propyl]-4-methyl-benzamide.

- 15. A compound of any of the above claims wherein the stereogenic center to which  $R_2$  and  $R_2$  is attached is of the R configuration.
- 16. A composition comprising a pharmaceutical excipient and a compound, salt, or solvate thereof of any one of claims 1-14.
- 17. A composition according to claim 16, wherein said composition further comprises a chemotherapeutic agent other than a compound of Formula I or a pharmaceutical salt or solvate thereof.
- 18. A composition according to claim 17 wherein said composition further comprises a taxane.
- 19. A composition according to claim 17, wherein said composition further comprises a vinca alkaloid.
- 20. A composition according to claim 17, wherein said composition further comprises a topoisomerase I inhibitor.
- 21. A method of modulating KSP kinesin activity which comprises contacting said kinesin with an effective amount of a compound according to any one of claims 1 to 13, or a pharmaceutically acceptable salt or solvate thereof.
- 22. A method of inhibiting KSP which comprises contacting said kinesin with an effective amount of a compound according to any one of claims 1 to 13, or a pharmaceutically acceptable salt or solvate thereof.
- 23. A method for the treatment of a cellular proliferative disease comprising

administering to a subject in need thereof a compound according to any one of claims 1-13, or a pharmaceutically acceptable salt or solvate thereof.

- 24. A method for the treatment of a cellular proliferative disease comprising administering to a subject in need thereof a composition according to any one of claims 16-20.
- 25. A method according to claim 23 or claim 24 wherein said disease is selected from the group consisting of cancer, hyperplasias, restenosis, cardiac hypertrophy, immune disorders, and inflammation.
- 26. The use, in the manufacture of a medicament for treating cellular proliferative disease, of a compound according to any one of claims 1-13, or a pharmaceutically acceptable salt or solvate thereof
- 27. The use of a compound as defined in claim 26 for the manufacture of a medicament for treating a disorder associated with KSP kinesin activity.